NEW YORK WINERY SURVEY 2004

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Survey Description

Objectives

The 2003 Survey of New York Wineries updates data from the previous survey done in 2000. This survey was sponsored by the New York Wine and Grape Foundation with the purpose of gathering information to assess the

changes and direction of the New York wine industry. Information collected measures capacity, volume, value and distribution of wine produced and tries to measure tourism, taxes, investment and expenses of the wine industry.

Survey Design and Procedures

With the assistance of the New York Wine and Grape Foundation, a survey population of all licensed locations producing or selling wine at the end of 2003 was built. In the spring of 2004, the survey was mailed to 209 wine related places. After eliminating duplicate names, wineries with multiple locations, out-of-business operations and places only used for sales and tasting wines, it was determined there were 184 wine producing facilities in New York.

A questionnaire was developed, with the help of the New York Wine and Grape Foundation and other industry experts, with similarity to earlier instruments for comparability. Some of the complexity and details in earlier versions was eliminated in hopes of making it more appealing and easier to complete.

Mailings were made periodically throughout 2004 and early 2005 to collect survey information. Over the complete period of data collection, usable data from 156 wineries were summarized. Because of the nature and sensitivity of questions asked, few wineries provided completely usable reports. Some of the data requested, particularly tourism, is not recorded by many wineries. Many wineries also preferred not to report sales, taxes, investment and expenses for their own privacy of

information. To compensate for missing data from operations which refused to report or were out of business since 2003, data from other published and reliable sources was used to fill in for selected key items in this report.

This report provides industry level estimates in areas where sufficient data were available to allow estimating for non-respondent wineries and incomplete reports. In other areas of this report, tables only present data from good reports. We attempted to clarify these differences in table headings and written narratives.

National Agricultural **Statistics** Service disclosure laws prevent publication of data when insufficient reports are received and when large operations dominate an industry in such a way that publication of information might identify size and scope of an individual operation. In some instances, data are combined with other good reports to disguise individual data. As a result, some information is available for the industry and not at more detailed levels. In other instances, data are not published to avoid disclosure. When possible, written permission was obtained from large operations to permit publishing data which might have otherwise been combined or not published to avoid individual operation disclosure.

Winery History

Of the 156 wineries summarized in some part for this report, 5 started active wineries prior to 1900 and 6 more began between 1900 and 1969. The wine industry began to grow actively in 1970 with 16 wineries opening for business in

that 10 year period. Over the next 20 years, the industry expanded rapidly as 47 wineries opened between 1980 and 1989 and another 52 opened between 1990 and 1999. From 2000 to 2003 another 30 wineries were established.

| Number of Wineries, by Year Established | | | | | | | | |
|---|----------------|-----------------|-----------------|-----------------|-----------------|----------------------|-------------------|--|
| Wine Trail | Before 1900 | 1900 to 1969 | 1970 to 1979 | 1980 to 1989 | 1990 to 1999 | 2000 and Later | Total Reported | |
| | | | | | | | | |
| Long Island Wine Council | 1 | - | 3 | 8 | 13 | 4 | 29 | |
| Dutchess | - | - | 2 | 1 | 1 | - | 4 | |
| Cayuga Lake | - | - | - | 7 | 5 | 2 | 14 | |
| Seneca Lake | - | - | 3 | 10 | 11 | 2 | 26 | |
| Keuka Lake | - | 1 | 1 | 4 | 4 | 1 | 11 | |
| Niagara | - | - | - | - | 1 | 2 | 3 | |
| Ontario | - | - | - | - | 2 | 1 | 3 | |
| Chautauqua | - | 2 | 2 | 3 | - | - | 7 | |
| All Other 1/ | 4 | 3 | 5 | 14 | 15 | 18 | 59 | |
| Total | 5 | 6 | 16 | 47 | 52 | 30 | 156 | |

^{1/} Includes Shawangunk and Canandaigua Wine Trails

Types of Wineries

Wineries in New York are classified as either a Farm winery or a Commercial winery, depending upon the type of license issued by the State. Farm wineries came into existence as a result of the New York State Farm Winery Act of 1976. Until this Act, wineries were required to sell at least 95 percent of their wines through distributors. The Farm Winery Act changed that requirement by permitting wineries which produced less than 150,000 gallons annually to sell their wines directly to consumers. change encouraged establishment of small wineries throughout the major grape growing regions of New York as it also required wineries to use exclusively New York produced grapes, fruits or other agricultural products.

Although Farm wineries report the largest number of operations, accounting for 87 percent of reporting wineries, they account for only 9 percent of total capacity in New York and for only 5 percent of the total wine produced. Commercial wineries are much fewer in number and much more significant in the level of capacity and production. They have, however, lost a small share of capacity and production to farm wineries since 2000. The proportion of winery capacity captured by commercial wineries capacity decreased 2 points from 2000 to 2003 and production slipped one point to 95 percent of the total.

| Wineries, by Type of License | | | | | | |
|------------------------------|---------|------|--|--|--|--|
| License Type | 2000 | 2003 | | | | |
| | Percent | | | | | |
| Commercial | 18 | 13 | | | | |
| Farm | 82 | 87 | | | | |
| Total | 100 | 100 | | | | |

| Winery Capacity and Production, by Type of License | | | | | | | | |
|--|-----------------|----------|------------|--------|----------|------------|--|--|
| License | | 2000 | | 2003 | | | | |
| Type | Number | Capacity | Production | Number | Capacity | Production | | |
| | Percent Percent | | | | | | | |
| Commercial | 18 | 93 | 96 | 13 | 91 | 95 | | |
| Farm | 82 | 7 | 4 | 87 | 9 | 5 | | |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | | |

Internet Usage

The growth of internet usage expanded along with the number of wineries over the past survey periods. In 2003, 72 percent of wineries reported having a Home Page on the internet with 26 percent reporting no Home Page and 2

percent unknown. In 2000, only 67 percent of wineries reported having a Home Page and that was about double the number of wineries reporting a Home Page on the 1997 survey.

| Wineries with Internet Home Page | | | | | | |
|----------------------------------|----------------|------|--|--|--|--|
| Home Page Reported | 2000 | 2003 | | | | |
| | <u>Percent</u> | | | | | |
| Yes | 67 | 72 | | | | |
| No | 33 | 26 | | | | |
| Unknown | - | 2 | | | | |
| | | | | | | |
| Total | 100 | 100 | | | | |



Wine Capacity and Production

New York's wine capacity was estimated at 30.3 million gallons in 2003. That level represents a 13 percent decrease from capacity in 2000. Commercial wineries accounted for 91 percent of the total with farm wineries accounting for the remaining 9 percent. Commercial wineries also accounted for the entire drop as they decreased by 15 percent while farm wineries increased their capacity by 23 percent. Farm winery capacity has shown a steady increase over the years surveyed and 2003 marked the first decline of commercial capacity since surveys began.

Stainless Steel is the material of choice for 67 percent of the wine capacity. Oak accounts for 3 percent of the total and other materials represent the remaining production capacity. The Long Island Wine Council held the most capacity of all wine trails reporting with 1.28 million gallons capacity, 4 percent of the state total. Seneca Lake Wine Trail followed next with 1.06 million gallons capacity for 3.5 percent of the total. Farm wineries increased oak capacity by 48 percent since 2000 and accounted for 64 percent of the total oak production capacity. Oak barrels at commercial wineries were only about one-third of what they totaled in 2000.

| Winery Capacity, by License | | | | | | | |
|-----------------------------|------------|----------------------|--------|--|--|--|--|
| Year | Commercial | Farm | Total | | | | |
| | | <u>1,000 Gallons</u> | | | | | |
| 1985 | 27,200 | 1,000 | 28,200 | | | | |
| 1995 | 31,600 | 1,800 | 33.400 | | | | |
| 1997 | 31,800 | 2,100 | 33,900 | | | | |
| 2000 | 32,400 | 2,300 | 34,700 | | | | |
| | · | • | · | | | | |
| 2003 | 27,433 | 2,837 | 30,270 | | | | |

| | Type of Winery Capacity | | | | | | | | | |
|------|-------------------------|-------|--------|-------------------|--------------------|----------------|----------------|-------------------|--|--|
| | | Comm | ercial | | | Fa | rm | | | |
| Year | Stainless Steel | Oak | Other | Total Capacity | Stainless Steel | Oak | Other | Total Capacity | | |
| | <u> 1,000 Gallons</u> | | | | | <u>1,000 C</u> | <u>Gallons</u> | | | |
| 1985 | 25,000 | 2,200 | 1/ | 27,200 | 920 | 80 | 1/ | 1,000 | | |
| 1995 | 30,700 | 900 | 1/ | 31,600 | 1,500 | 300 | 1/ | 1,800 | | |
| 1997 | 30,800 | 1,000 | 1/ | 31,800 | 1,700 | 400 | 1/ | 2,100 | | |
| 2000 | 31,400 | 1,000 | 1/ | 32,400 | 1,900 | 400 | 1/ | 2,300 | | |
| 2003 | 18,180 | 335 | 8,918 | 27,433 | 2,083 | 591 | 163 | 2,837 | | |

^{1/} Not broken out separately

| 2003 Capacity and Production | | | | | | | |
|------------------------------|--------------------|---------|-----------|-------------------|------------------|--|--|
| Wine Trail | Stainless Steel | Oak | Other | Total Capacity | Total Production | | |
| | | | Gallons | 1 2 | 1 | | |
| Long Island Wine Council | 983,000 | 292,000 | 0 | 1,275,000 | 853,000 | | |
| Dutchess | 53,000 | 15,000 | 0 | 68,000 | 54,000 | | |
| Cayuga Lake | 378,000 | 75,000 | 11,000 | 464,000 | 346,000 | | |
| Seneca Lake | 828,000 | 187,000 | 44,000 | 1,059,000 | 785,000 | | |
| Keuka Lake | 278,000 | 31,000 | 9,000 | 318,000 | 224,000 | | |
| Niagara | 13,000 | 4,000 | 5,000 | 22,000 | 20,000 | | |
| Ontario | 3,000 | 1,000 | 7,000 | 11,000 | 8,000 | | |
| Chautauqua | 87,000 | 8,000 | 73,000 | 168,000 | 123,000 | | |
| All Other | 17,640,000 | 313,000 | 8,932,000 | 26,885,000 | 35,771,000 | | |
| | | | | | | | |
| Total | 20,263,000 | 926,000 | 9,081,000 | 30,270,000 | 38,184,000 | | |

1/ Includes Shawangunk and Canandaigua Wine Trails

Production in 2003 is estimated at 38.2 million gallons, a decline of 6 percent from the amount produced in 2000. All reporting wineries in wine trails indicated increased capacity and production from earlier years except wineries in the Dutchess Wine Trail which were unchanged. The minimum capacity increase reported in

other wine trails was 34 percent in Cayuga Lake wineries with Long Island wineries increasing capacity by 51 percent. Production followed capacity with increases ranging from 29 percent in Cayuga Lake wineries to 44 percent more wine produced in Seneca Wine Trail.

| Capacity and Production | | | | | | | |
|-------------------------|------------|------------|-------------|------------|------------|------------|--|
| Wine Trail | 199 | 97 | 20 | 00 | 2003 | | |
| Wille ITali | Capacity | Production | Capacity | Production | Capacity | Production | |
| | | | <u>Gali</u> | lons | | | |
| Long Island | 723,000 | 492,000 | 844,000 | 618,000 | 1,275,000 | 853,000 | |
| Shawangunk | 387,000 | 54,000 | 438,000 | 74,000 | 1/ | 1/ | |
| Dutchess | 67,000 | 48,000 | 68,000 | 38,000 | 68,000 | 54,000 | |
| Cayuga Lake | 243,000 | 199,000 | 346,000 | 269,000 | 464,000 | 346,000 | |
| Seneca Lake | 633,000 | 401,000 | 778,000 | 546,000 | 1,059,000 | 785,000 | |
| Keuka Lake | 282,000 | 113,000 | 228,000 | 163,000 | 318,000 | 224,000 | |
| Niagara | - | - | - | - | 22,000 | 20,000 | |
| Ontario | - | - | - | - | 11,000 | 8,000 | |
| Chautauqua | - | - | - | - | 168,000 | 123,000 | |
| All Other | 31,571,000 | 30,426,000 | 31,983,000 | 39,075,000 | 26,885,000 | 35,771,000 | |
| | | | | | | | |
| Total | 33,906,000 | 31,733,000 | 34,686,000 | 40,783,000 | 30,270,000 | 38,184,000 | |

^{1/} Included in All Other.

Wineries with capacity over 100,000 gallons accounted for 91 percent of the capacity and over 95 percent of the wine production. Wineries with capacity below 25,000 gallons each produced less than 1.5 percent of the total

wine output in New York and represented just over 2 percent of the total capacity. Wine production by wineries with capacity of 25,000 gallons to 100,000 accounted for 3 percent of all wine and 6 percent of all capacity

| 2003 Capacity and Production, by Size | | | | | | | |
|---------------------------------------|----------------------|----------------------|--|--|--|--|--|
| | Capacity | Production | | | | | |
| Capacity | Total | Total | | | | | |
| | <u>1,000 Gallons</u> | <u>1,000 Gallons</u> | | | | | |
| Under 10,000 gal. | 298 | 247 | | | | | |
| 10,000 to 24,999 gal. | 414 | 334 | | | | | |
| 25,000 to 49,999 gal. | 821 | 589 | | | | | |
| 50,000 to 99,999 gal. | 1,049 | 635 | | | | | |
| 100,000 and over | 27,688 | 36,379 | | | | | |
| Total | 30,270 | 38,184 | | | | | |

Types of Wines Produced

At a State level, production of wines by type was split somewhat evenly among table wines, dessert wines and specialty wines. Table wines and dessert wines each totaled 13.2 million gallons, just under 31 percent of all wines. Specialty wine were the third largest quantity with 10.0 million gallons produced, 26 percent

of the total. Sparkling wines accounted for about 4.5 percent of all wines at 1.72 million gallons and 8,000 gallons of fortified wines were produced. Table wine, however, is the primary wine produced by wineries in reporting wine trails. In the eight trails listed, table wines accounted for 97 percent of total production.

| 2003 Type of Wine Produced | | | | | | | | | |
|----------------------------|------------|-----------|------------|-----------|------------|------------|--|--|--|
| | Table | Sparkling | Dessert | Fortified | Specialty | | | | |
| Wine Trail | Wine | Wine | Wine | Wine | Wine | Total | | | |
| | | | | | | | | | |
| Long Island Wine Council | 840,000 | 4,000 | 5,000 | 1,000 | 3,000 | 853,000 | | | |
| Dutchess | 54,000 | 0 | 0 | 0 | 0 | 54,000 | | | |
| Cayuga Lake | 333,000 | 1,000 | 1,000 | 1,000 | 10,000 | 346,000 | | | |
| Seneca Lake | 768,000 | 1,000 | 4,000 | 2,000 | 10,000 | 785,000 | | | |
| Keuka Lake | 207,000 | 12,000 | 2,000 | 3,000 | 0 | 224,000 | | | |
| Niagara | 19,000 | 0 | 1,000 | 0 | 0 | 20,000 | | | |
| Ontario | 2,000 | 0 | 0 | 0 | 6,000 | 8,000 | | | |
| Chautauqua | 122,000 | 0 | 0 | 0 | 1,000 | 123,000 | | | |
| All Other 1/ | 10,856,000 | 1,701,000 | 13,205,000 | 1,000 | 10,008,000 | 35,771,000 | | | |
| | • | | | | | | | | |
| Total | 13,201,000 | 1,719,000 | 13,218,000 | 8,000 | 10,038,000 | 38,184,000 | | | |

^{1/} Includes Shawangunk and Canandaigua Wine Trails

| Type of Wine Produced | | | | | | | | | |
|-----------------------|----------------------|--------|------------|---------|-----------|-----------|--|--|--|
| | Total | | Type of Wi | ne | | | | | |
| Year | Wine | Table | Sparkling | Dessert | Fortified | Specialty | | | |
| | VV IIIC | Wine | Wine | Wine | Wine | Wine | | | |
| | <u>1,000 Gallons</u> | | | | | | | | |
| 1985 | 24,817 | 7,560 | 1,373 | 2 | 13,647 | 2,235 | | | |
| 1995 | 30,371 | 12,276 | 2,088 | 8 | 13,066 | 2,933 | | | |
| 1997 | 31,733 | 11,246 | 1,587 | 7 | 16,384 | 2,509 | | | |
| 2000 | 40,783 | 21,535 | 2,533 | 10 | 11,915 | 4,790 | | | |
| 2003 | 38,184 | 13,201 | 1,719 | 13,218 | 8,000 | 10,038 | | | |

Survey responses indicated a shift from red wines to white wines in 2003. Earlier surveys suggested about one-half of the wines produced were red and about 40 percent were white. The 2000 survey reported a drop in red wines and a shift to rose or blush wines. Wineries now

indicated they are producing white wines about 50 percent of the time while red types dropped to 37 percent. The remaining 13 percent were rose or blush wines.

| | Table Wine Production | | | | | | | |
|-------|------------------------------|-----|--------------------|----------------|--|--|--|--|
| Year | Total | | Type of Table Wine | | | | | |
| i cai | Table Wine | Red | White | Rose and Blush | | | | |
| | <u> 1,000 Gallons</u> | | <u>Percent</u> | | | | | |
| 1985 | 7,560 | 53 | 39 | 8 | | | | |
| 1995 | 12,276 | 52 | 40 | 8 | | | | |
| 1997 | 11,246 | 50 | 41 | 9 | | | | |
| 2000 | 21,535 | 41 | 27 | 32 | | | | |
| 2003 | 13,201 | 37 | 50 | 13 | | | | |

Visitation

An estimated 4.14 million people visited New York wineries in 2003 compared with 2.69 million estimated in the 2000 survey. Visitation in all areas of the state showed marked increases

from the previous number. All wineries averaged 54 percent more visitors than they did three years previously.

| | | Winery Visitation | | | | | | | |
|--------------------------|--------------------|-------------------|--------------|-------|-------|--|--|--|--|
| Wine Trail | Number of Visitors | | | | | | | | |
| wille ITall | 1985 | 1995 | 1997 | 2000 | 2003 | | | | |
| | | | <u>1,000</u> | | | | | | |
| Long Island Wine Council | 50 | 192 | 466 | 535 | 943 | | | | |
| Shawangunk | 98 | 142 | 158 | 161 | 1/ | | | | |
| Dutchess | 19 | 28 | 37 | 44 | 1/ | | | | |
| Cayuga Lake | 64 | 245 | 284 | 358 | 460 | | | | |
| Seneca Lake | 56 | 515 | 658 | 849 | 1,298 | | | | |
| Keuka Lake | 2 | 41 | 79 | 110 | 261 | | | | |
| Niagara | - | - | - | - | 1/ | | | | |
| Ontario | - | - | - | - | 1/ | | | | |
| Chautauqua | - | - | - | - | 1/ | | | | |
| All Other | 95 | 276 | 514 | 628 | 1,175 | | | | |
| State Total | 384 | 1,439 | 2,196 | 2,685 | 4,137 | | | | |

^{1/} Included in All Other.

Visitors continued to come to wineries for general purpose visits as 85 percent of all visits were considered of this nature. That percentage was up slightly from the 83 percent recorded by the previous survey. The percentage of visitors attending for winery events tapered off slightly

as recorded visits for that purpose fell from 10 percent in 2000 to 6 percent in 2003. Trail events drew slightly more visitors than previously with a 2 point increase from 7 percent to 9 percent of the total.

| | Winery Visitation Reasons | | | | | | | | | |
|--------------------------|---------------------------|-----------|------|-------------|--------------|------|------|-------------|------|--|
| Wine Trail | G | eneral Vi | sit | V | Winery Event | | | Trail Event | | |
| wille Itali | 1997 | 2000 | 2003 | 1997 | 2000 | 2003 | 1997 | 2000 | 2003 | |
| | | | | <u>Pero</u> | ent of Visi | tors | | | | |
| Long Island Wine Council | 79 | 73 | 89 | 21 | 24 | 10 | * | 3 | 1 | |
| Shawangunk | 56 | 58 | 1/ | 28 | 29 | 1/ | 16 | 13 | 1/ | |
| Dutchess | 94 | 93 | 1/ | 6 | 7 | 1/ | * | * | 1/ | |
| Cayuga Lake | 78 | 86 | 76 | 6 | 6 | 8 | 16 | 8 | 16 | |
| Seneca Lake | 83 | 83 | 86 | 5 | 4 | 2 | 12 | 13 | 12 | |
| Keuka Lake | 68 | 65 | 77 | 7 | 16 | 8 | 25 | 19 | 15 | |
| Niagara | - | - | - | - | - | - | - | - | 1/ | |
| Ontario | - | - | - | - | - | - | - | - | 1/ | |
| Chautauqua | - | - | - | - | - | - | - | - | 1/ | |
| All Other | 91 | 98 | 86 | 6 | 2 | 6 | 3 | * | 8 | |
| State Total | 80 | 83 | 85 | 10 | 10 | 6 | 10 | 7 | 9 | |

^{1/} Included in All Other. * Less than one percent

When the origin of visitors is known, the predominant number came from New York. Fewer visitors were recorded from the Vermont

 Massachusetts – Connecticut area than in the past and the percentage of visitors from other areas held about steady from 2000.

| | Ori | gin of Win | ery Vis | itors | | | | |
|--------------------------|------------------|-------------------|---------|-------|---------------|----|--------|--------------|
| Wine Trail | New York | VT, MA & CT | NJ | PA | MD & VA | ОН | Canada | Un- Known |
| | Percent of Total | | | | | | | |
| Long Island Wine Council | 53 | 3 | 3 | * | * | * | * | 40 |
| Cayuga Lake | 64 | 5 | 2 | 9 | 3 | 5 | 2 | 10 |
| Seneca Lake | 50 | 5 | 4 | 17 | 3 | 6 | 2 | 13 |
| Keuka Lake | 42 | 2 | 2 | 6 | 1 | 1 | 1 | 45 |
| All Other | 52 | 6 | 4 | 14 | 1 | 7 | * | 16 |
| State Total | 52 | 4 | 3 | 9 | 2 | 4 | 1 | 25 |

^{*} Less than 1 percent.

Customers spent an average of \$20.50 per visit in all wineries during 2003, up from the average of \$13.75 recorded in 2000. Long Island wineries reported the highest average of \$27.75

per customer, with Seneca Lake wineries reporting the lowest average sale per customer at \$14.50.

| Avera | Average Sales per Customer at Tasting Room | | | | | | | | |
|--------------------------|--|-------|-------|-------|--|--|--|--|--|
| Wine Trail | | Year | | | | | | | |
| wille ITali | 1995 | 1997 | 2000 | 2003 | | | | | |
| | <u>Dollars</u> | | | | | | | | |
| Long Island Wine Council | 15.45 | 18.50 | 12.50 | 27.75 | | | | | |
| Dutchess | 10.55 | 13.05 | 36.40 | 1/ | | | | | |
| Cayuga Lake | 10.55 | 14.40 | 20.30 | 18.25 | | | | | |
| Seneca Lake | 7.40 | 8.50 | 12.30 | 14.50 | | | | | |
| Keuka Lake | 13.35 | 14.40 | 17.00 | 1/ | | | | | |
| All Other 1/ | 12.90 | 13.60 | 11.70 | 17.50 | | | | | |
| State Total | 11.95 | 13.80 | 13.75 | 20.50 | | | | | |

^{1/} Included in All Other.

The percentage of wine sales compared to other items has changed little from survey to survey. Wine sales accounted for 87 percent of all sales in the tasting room in about all wineries and in

all wine trails reporting. Long Island wine sales averaged slightly higher, at 90 percent with a low reported by Keuka Lake wineries, at 84 percent of tasting room sales.

| V | Wine and Other Item Sales at Tasting Room | | | | | | |
|--------------------------|---|-------|-------|-------|-------|-------|--|
| | 19 | 97 | 20 | 000 | 2003 | | |
| Wine Trail | Wine | Other | Wine | Other | Wine | Other | |
| | Sales | Items | Sales | Items | Sales | Items | |
| | <u>Percent</u> | | | | | | |
| Long Island Wine Council | 95 | 5 | 82 | 18 | 90 | 10 | |
| Dutchess | 76 | 24 | 67 | 33 | 1/ | 1/ | |
| Cayuga Lake | 80 | 20 | 88 | 12 | 87 | 13 | |
| Seneca Lake | 87 | 13 | 84 | 16 | 87 | 13 | |
| Keuka Lake | 85 | 15 | 77 | 23 | 84 | 16 | |
| All Other 1/ | 87 | 13 | 74 | 26 | 85 | 15 | |
| State Total | 86 | 14 | 81 | 19 | 87 | 13 | |

^{1/} Included in All Other.

Sales and Distribution

Only 10 percent of all the wine produced in New York stays in New York with the other 90 percent is shipped to other states and a limited amount to other countries. Local wineries, however, producing primarily for their wine trails, sell nearly all their wines to New Yorkers. From those wineries, a large proportion, 75 to 96 percent of all sales, remain in the region where produced.

| | Sales by Location and Wine Trail | | | | | | | | | |
|------------------|----------------------------------|--------|-----------|------|--------------|-------------|------|--------|-----------|--|
| | | 1997 | | | 2000 | | | 2003 | | |
| Wine Trail | New | Other | Other | New | Other | Other | New | Other | Other | |
| | York | States | Countries | York | States | Countries | York | States | Countries | |
| | | | | | <u>Perce</u> | e <u>nt</u> | | | | |
| Long Island Wine | 89 | 8 | 3 | 90 | 9 | 1 | 92 | 8 | * | |
| Council | | | | | | | | | | |
| Shawangunk | 83 | 13 | 4 | 85 | 11 | 4 | 1/ | 1/ | 1/ | |
| Dutchess | 97 | 3 | * | 89 | 11 | - | 1/ | 1/ | 1/ | |
| Cayuga Lake | 100 | * | - | 100 | * | - | 98 | 1 | - | |
| Seneca Lake | 95 | 5 | * | 95 | 5 | * | 97 | 3 | - | |
| Keuka Lake | 87 | 12 | 1 | 98 | 2 | * | 98 | 2 | - | |
| Niagara | - | - | - | - | - | - | 1/ | 1/ | 1/ | |
| Ontario | - | - | - | - | - | - | 1/ | 1/ | 1/ | |
| Chautauqua | - | - | - | - | - | - | 1/ | 1/ | 1/ | |
| All Other 1/ | 11 | 86 | 3 | 5 | 94 | 1 | 7 | 91 | 1 | |
| State Total | 14 | 83 | 3 | 7 | 92 | 1 | 10 | 89 | 1 | |

^{1/} Included in All Other. * Less than one percent.

| Percent of Cases Sold in | Region Prod | duced | | |
|--------------------------|-------------|-------------|--|--|
| Wine Trail | Year | | | |
| wille ITali | 2000 | 2003 | | |
| | <u>Per</u> | <u>cent</u> | | |
| Long Island Wine Council | 73 | 84 | | |
| Shawangunk | 84 | 1/ | | |
| Dutchess | 84 | 1/ | | |
| Cayuga Lake | 77 | 75 | | |
| Seneca Lake | 8 | 87 | | |
| Keuka Lake | 87 | 96 | | |
| All Other 1/ | 6 | 2 | | |
| State Total | 8 | 4 | | |

^{1/} Included in All Other.

On a statewide level, 89 percent of all wine is sold through out-of-state distributors. On a wine trail level, however, the majority of wine is sold directly to consumers at the winery. Long Island wineries sold the lowest proportion of wine at the winery, 39 percent, while Finger Lakes wineries sold 56 to 58 percent of their wines directly to consumers. Long Island wineries also sold the largest proportion of

wines to stores and restaurants at 30 percent. Cayuga Lake wineries were second most but dropping down to 10 percent of their sales to restaurants and stores. Finger Lakes wineries sold approximately one-third of their volume through New York distributors while Long Island wineries sold only 19 percent of their wines through that channel.

| Perce | Percentage of Case Sales in Distribution Channel, 2003 | | | | | | | |
|--------------------------|--|-----------|-------------|-------------|-------------|-------|--|--|
| | Sales at | Shipped | Liquor | Through | Through | | | |
| Wine Trail | Winery to | Winery to | Stores and | New York | Out State | Other | | |
| | Consumer | Consumer | Restaurants | Distributor | Distributor | | | |
| | <u>Percent</u> | | | | | | | |
| Long Island Wine Council | 39 | 8 | 30 | 19 | 5 | 1 | | |
| Cayuga Lake | 56 | 4 | 10 | 30 | * | - | | |
| Seneca Lake | 56 | 2 | 6 | 31 | 3 | * | | |
| Keuka Lake | 58 | 2 | 2 | 35 | 1 | 1 | | |
| All Other | * | * | * | 7 | 91 | 1 | | |
| State Total | 2 | * | * | 7 | 89 | 1 | | |

^{*} Insufficient reports to publish.

| | Percent of Do | llar Sales in D | Distribution C | hannel, 2003 | | | | |
|------------------|---------------|-----------------|----------------|--------------|-------------|-------|--|--|
| | Sales at | Shipped | Liquor | Through | Through | | | |
| Wine Trail | Winery to | Winery to | Stores and | New York | Out State | Other | | |
| | Consumer | Consumer | Restaurants | Distributor | Distributor | | | |
| | | <u>Percent</u> | | | | | | |
| Long Island Wine | 47 | 9 | 30 | 10 | 4 | * | | |
| Council | | | | | | | | |
| Cayuga Lake | 67 | 4 | 9 | 20 | * | * | | |
| Seneca Lake | 59 | 3 | 5 | 31 | * | * | | |
| Keuka Lake | 65 | 2 | 2 | 28 | * | * | | |
| All Other | 1 | 1 | * | 7 | * | * | | |
| | | | | | | | | |
| State Total | 7 | 1 | 1 | 9 | 81 | 1 | | |

^{*} Insufficient reports to publish.

| Av | Average Price of Cases Sold in Distribution Channel, 2003 | | | | | | | |
|--------------------------|---|----------------------------------|-------------------------------------|------------------------------------|----------------------------------|-------|----------------------|--|
| Wine Trail | Sales at Winery to Consumer | Shipped Winery to Consumer | Liquor Stores and Restaurants | Through New York Distributor | Through Out of State Distributor | Other | Avg. All Sales | |
| | | | <u>D</u> | <u>ollars</u> | | | | |
| Long Island Wine Council | 140 | 135 | 115 | 65 | 90 | * | 115 | |
| Cayuga Lake | 110 | 90 | 80 | 60 | * | * | 90 | |
| Seneca Lake | 85 | 90 | 60 | 80 | * | * | 80 | |
| Keuka Lake | 100 | 110 | 85 | 70 | * | * | 90 | |
| All Other | 100 | 80 | 80 | 25 | * | * | 25 | |
| State Total | 105 | 95 | 95 | 30 | 25 | 20 | 30 | |

^{*} Insufficient reports to publish

Employment

Statewide, 60 percent of all winery workers are Part Time employees with 40 percent Full Time staff members. Those percentages compare with 64 percent Part Time in 2000 and 46 percent Full Time. Long Island wineries differed from all other wine trails reporting as 55 percent of their workers were Full Time and 45 percent were Part Time. In the remaining trails, Part Time staff greatly outnumbered Full Time members as percentage in reporting trails ranged from 76 percent Part Time to 91 percent.

Average earnings per employee also varied considerably depending upon the percentage of

Full Time versus Part Time. In areas with predominantly Full Time workers, average payroll per employee was \$22,000 to \$24,000. Wine Trails averaging much higher of Part Time employees reported an average payroll per staff member ranging from \$4,600 to \$7,700.

Seventy-six percent of all wineries reporting indicated reliable workers were available when needed for both vineyard work and winery activities while 24 percent reported not having reliable workers when needed.

| Winery Workers and Average Payroll, 2003 | | | | | | | |
|--|------------|----------------|-----------------|--|--|--|--|
| Wine Trail | Percentage | of Workers | Average Payroll | | | | |
| wille ITali | Full Time | Part Time | Per Employee | | | | |
| | <u>Per</u> | <u>Percent</u> | | | | | |
| Long Island Wine Council | 55 | 45 | 22,500 | | | | |
| Cayuga Lake | 14 | 86 | 4,600 | | | | |
| Seneca Lake | 24 | 76 | 7,700 | | | | |
| Keuka Lake | 9 | 91 | 4,900 | | | | |
| All Other | 67 33 | | 24,300 | | | | |
| | | | | | | | |
| State Total | 40 | 60 | 14,600 | | | | |

| Percentage of Employees, by Wine Trail and Primary Activity, 2003 | | | | | |
|---|---------------------------|------------|---------|-----------|-------|
| | Employee Primary Activity | | | | |
| Wine Trail | Vineyard | Wine | Tasting | Marketing | Other |
| | Operation | Production | Room | & Sales | |
| | <u>Percent</u> | | | | |
| Long Island Wine Council | 42 | 10 | 32 | 12 | 4 |
| Cayuga Lake | 39 | 8 | 32 | 5 | 16 |
| Seneca Lake | 27 | 5 | 56 | 6 | 6 |
| Keuka Lake | 43 | 9 | 37 | 4 | 7 |
| All Other | 17 | 52 | 18 | 4 | 9 |
| State Total | 29 | 24 | 33 | 5 | 9 |

Investment

Vineyard investment varied widely in both area of investment and amount of investment. For this survey 69 wineries reported investing in their operation over the three year period of 2001 to 2003. During those three years, 30

percent all investment was in wine making areas and the cumulative average amount invested in those three years was just under \$200,000. All wineries averaged just under \$500,000 invested in operations over the three year time frame.

| Winery Investment 2001 to 2003 | | | | |
|--------------------------------|-----------------------------------|-----------------------------------|--|--|
| Area of Investment | Percentage Of Dollars Invested | Average Dollar Amount Invested | | |
| | <u>Percent</u> | <u>Dollars</u> | | |
| Vineyard | 14 | 105,000 | | |
| Tasting Room | 10 | 72,000 | | |
| Wine Making Area | 30 | 197,000 | | |
| Wine House | 5 | 138,000 | | |
| Other | 41 | 539,000 | | |
| | | | | |
| Total | 100 | 500,000 | | |

Investment also varied considerably by size of operation. Wineries under 100,000 gallons of capacity totaled \$290,000 worth of investment during the three year period of 2001 to 2003.

All wineries invested an average total of \$500,000 into their operations over the same three years.

| Winery Investment 2001 to 2003, by Size | | | |
|---|---------------------------------|--|--|
| Winery Capacity | Average Investment 2001 to 2003 | | |
| Under 100,000 gallons | \$290,000 | | |
| All Wineries | \$500,000 | | |

Taxes

In this survey 61 wineries reported tax data and amounts paid ranged widely depending upon size of operation. Wineries having less than 100,000 gallons capacity paid an average of

\$23,300 per year in federal and state taxes. Including all wineries reporting, a total of nearly \$2 million dollars of taxes were paid in 2003.

| Taxes Paid by Wineries, 2003 | | | | |
|------------------------------|----------------------------|--------------------------|--|--|
| Winery Capacity | Average Federal Taxes Paid | Average State Taxes Paid | | |
| Under 100,000 gallons | \$9,900 | \$13,400 | | |
| All Wineries | \$1,900,000 | \$80,600 | | |